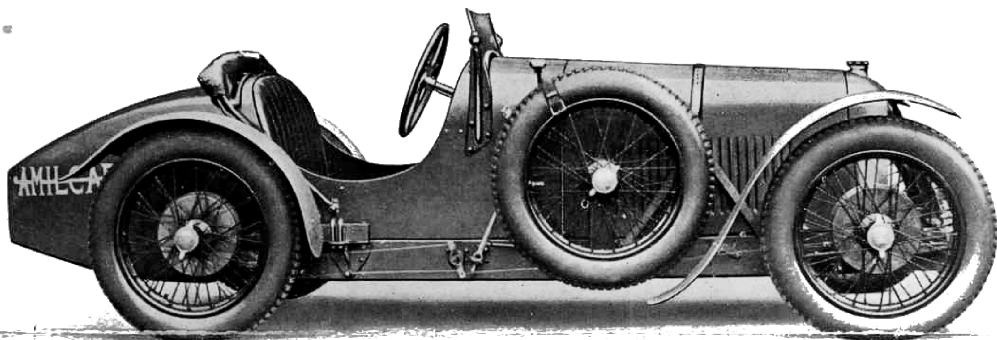


AMILCAR

SIX-CYLINDER SPORTS TWO-SEATER



Six-Cylinder Supercharged AMILCAR.

ENGINE.

56m/m bore x 74m/m stroke.
Two overhead hollow camshafts, containing oil under pressure.
Triple valve springs.
Seven main bearings on the crankshaft.
Four main bearings on each camshaft.
Detachable cylinder head.
Main big end bearings.
Magneto ignition.
Dry sump lubrication.
Three large breathers to the base.
Water pump.
Air pump to back petrol tank, with relief valve.
Rev. counter.
Special design Rootes blower.
Additional oil tank Additional oil filter.
Plate clutch, backed by three clutch springs.
4 speed and reverse gearbox.
Outside brake lever operating two back wheels.
Footbrake operating all four wheels.
Very light steering.
Shock absorbers all round, $\frac{1}{2}$ elliptic springs at front, $\frac{1}{2}$ elliptic springs at rear.
Housing for the hardy disc.
Flexible steering wheel.
Well base wheels Dunlop tyres.
Six branch exhaust pipe running outside the body.
Brooklands Silencer.

BODY.

2-Seater complete with 4 wings, hood, screens, etc.

EQUIPMENT.

Dynamo lighting and starter, 2 side lamps, tail lamp, spot light, battery, spare wheel, tools, oil gauge, petrol pressure gauge, petrol pressure hand pump, etc.

DIMENSIONS.

Overall length 11ft. 2ins.
Overall width 4ft. 2 $\frac{1}{2}$ ins.
Track 3ft. 8 $\frac{1}{2}$ ins.
Wheel base 6ft. 2ins.

PERFORMANCE

Petrol consumption 24 m p.g.
Oil consumption 800 m p.g.

GEAR RATIOS.

1st gear	11.75
2nd gear	8.2
3rd gear	6.2
Top	4.5
Reverse	16.1

Approximate.

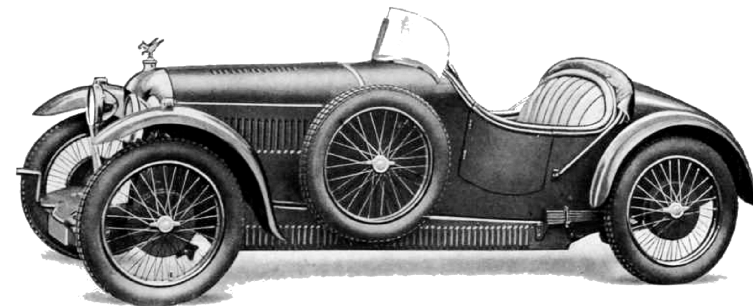
SPEED

1st gear	40 m.p.h.
2nd gear	60 m.p.h.
3rd gear	80 m.p.h.
Top gear	105 m.p.h.

Stripped.

AMILCAR

THE GRAND SPORT TWO-SEATER



THE Grand Sport Two-Seater has an exceptionally attractive stream-lined Body of new design, with a door and excellent one-man hood.

Although weight has been kept down for speed work, this Model is very suitable for fast touring, its improved centre of gravity greatly increasing its safety.

Good Luggage space is provided in the Tail.

Improved Cycle type Wings enhance appearance and ensure maximum protection.

EQUIPMENT INCLUDES:—

12-Volt Dynamo Lighting, Starter, 5 Lamps, 5 R.W. Wire Wheels, 5 Dunlop Tyres, 27x4 Dunlop Well Base, 4 Hartford Shock Absorbers, Clock, Speedometer, Revolution Counter, Oil Gauge, Nivex Petrol Gauge, Pneumatic Seats. Full Kit of Tools.

STANDARD COLOURS:—Red, Saxe Blue, Dark Blue.

DIMENSIONS:—

Overall Length	..	12 ft.
Overall Width	..	4 ft. 4 in.
Track	..	3 ft. 7 in.
Wheel Base	..	7 ft. 7 $\frac{1}{2}$ in.
Weight	..	1,275 lbs.

PERFORMANCE:—

Petrol Consumption	..	40 m.p.g.
Oil Consumption	..	1,000 m.p.g.
Speed—1st Gear	..	30 m.p.h.
2nd Gear	..	50 m.p.h.
Top Gear	..	70 m.p.h.

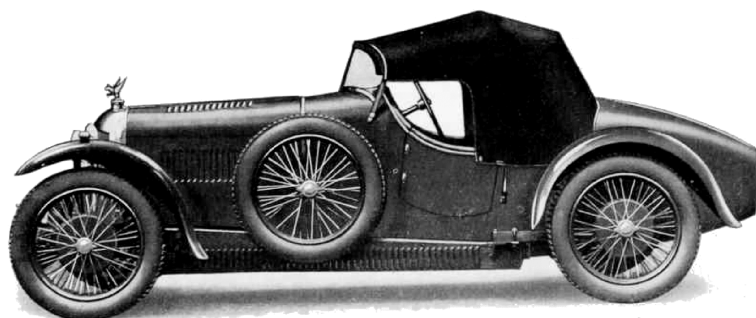
PRICE £285

VERNON BALLS (Sole Concessionaire), 95, High Holborn, W.C.1.

TEL.: CHANCERY 8623-4.

AMILCAR

GRAND SPORT 2-SEATER WITH HOOD ERECTED.



GRAND SPORTS & TOURING SPORTS CHASSIS SPECIFICATION.

FRAME.—Of pressed steel, deep channel section.

ENGINE.—Four cylinder monobloc, Cylinders cast integral with crankcase. Detachable head of Ricardo pattern with domed and polished cylinder heads. Aluminium pistons with three rings. Pressed steel connecting rods. Side by side valves, easily adjustable and fitted with double springs. Rockers interposed between valve stems and camshaft. Camshaft of drop forged steel carried in two long white-metal bearings and driven by spiral gearing. Cams of special contour for high efficiency. Crankshaft very short, 37 m m dia., perfectly balanced, carried in two long white-metal bearings. Cooling on the thermo syphon principle. No fan is required.

GRAND SPORT.—Bore 60 m m, stroke 95 m m, capacity 1,078 c.c. developing 48 B.H.P. at 3,800 r.p.m.

TOURING SPORTS.—Bore 60 m m, stroke 105 m m, capacity 1,155 c.c. R.A.C. Rating 8.9 H.P. Tax £9.

ENGINE LUBRICATION.—Pressure feed by special submerged pump through hollow crankshaft to main, camshaft and big end bearings. All valve gear totally enclosed and automatically lubricated.

CARBURETTOR.—Solex, gravity feed from 5-gallon tank.

IGNITION.—High tension magneto, with advance and retard control on dashboard.

STEERING.—Worm and sector type. Easily adjustable for rake and for taking up any play that may develop.

CLUTCH.—Multi-plate, running in oil—very light and sweet in action.

GEAR BOX.—Bolted direct to crankcase. Provides three forward speeds and reverse. Ratios: 1st, 12.8:1; 2nd, 7.25:1; top, 4.5:1. Designed so that rapid changes can be made either up or down. Change speed lever of the ball joint type, centrally disposed.

FRONT AXLE.—Of H section centre with elliptical extensions for spring pads and special provision for braking torsion.

REAR AXLE.—Semi-floating type. Gleason spiral bevel. Gears adjustable for mesh. No differential. Road wheels driven by independent shafts.

TRANSMISSION.—Through one universal joint of the Hardy type at rear of gear box and an enclosed propeller shaft, supported by four ball bearings. Absolutely vibrationless at all speeds.

SPRINGS.—GRAND SPORT CHASSIS.—Long semi-elliptic in front and quarter-elliptic at rear. Of highest quality Silico-Manganese steel. Damping effected by means of four Hartford shock absorbers.

TOURING SPORTS CHASSIS.—As GRAND SPORTS, but with Cantilever rear springs.

BRAKES.—Very powerful four-wheel brakes of special Amilcar design. Internal expanding. Adjustable by means of four easily accessible butterfly nuts. Air cooling fins on all brake drums. Both hand and foot brakes operating on all four wheels. Hand brake centrally disposed.

WHEELS.—Rudge Whitworth wire wheels, fitted with 27 x 4 Dunlop Well Base tyres.

CHASSIS LUBRICATION.—By grease gun throughout.

EQUIPMENT.—Twelve volt Starter and Lighting set with five lamps and special dimming device. Gear driven dynamo. Clock, speedometer. Revolution counter. Oil pressure gauge. Full kit of tools. Specially designed aluminium dash and facia board to carry all instruments and wiring, so that body can be removed without interfering with the chassis or equipment.

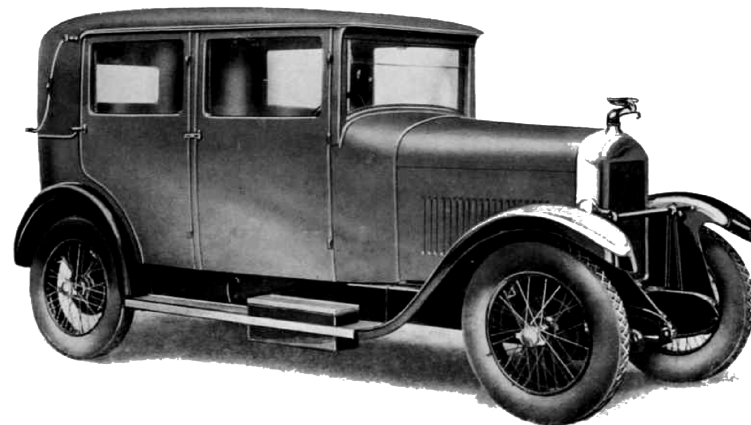
CHASSIS PRICE £240

VERNON BALLS (Sole Concessionaire), 95, High Holborn, W.C.1.

TEL.: CHANCERY 8623-4.

AMILCAR

THE 9-H.P. SPORTS SALOON



ALTHOUGH making a delightful Town Carriage of very attractive appearance, this Car has a really surprising turn of speed, the Chassis being identical with that of the Sports Four-seater.

The Body is constructed under Weymann Licence and provides ample accommodation for four people, whilst four large doors give easy access to both front and rear seats.

As the front seat is adjustable for both position and rake, the ideal driving position is easily attainable.

The drumming noise so often experienced in small Saloons is entirely avoided by the use of fabric instead of metal panels, whilst the interior trimming is carried out in Bedford Cloth to match.

Handsome Luggage Case fitted at the rear with spare wheel shielding same.

EQUIPMENT INCLUDES:—

Dynamo Lighting, Starter, 5 Lamps, 5 R.W. Wire Wheels, 5 Dunlop Tyres, 27.475 or 715 x 115, 4 Hartford Shock Absorbers, Clock, Speedometer, Oil Gauge, Electric Horn. Full Kit of Tools.

STANDARD COLOURS:—Red, Grey, Brown, Light Blue and Dark Blue.

DIMENSIONS:—

Overall Length .. 12 ft. 1 in.
Overall Width .. 4 ft. 10 in.
Track .. 3 ft. 10 1/2 in.
Wheel Base .. 8 ft. 6 in.
Weight .. 1,950 lbs.

PERFORMANCE:—

Petrol Consumption .. 35 m.p.g.
Oil Consumption .. 1.200 m.p.g.
Speed—1st Gear .. 26 m.p.h.
2nd Gear .. 44 m.p.h.
Top Gear .. 60 m.p.h.

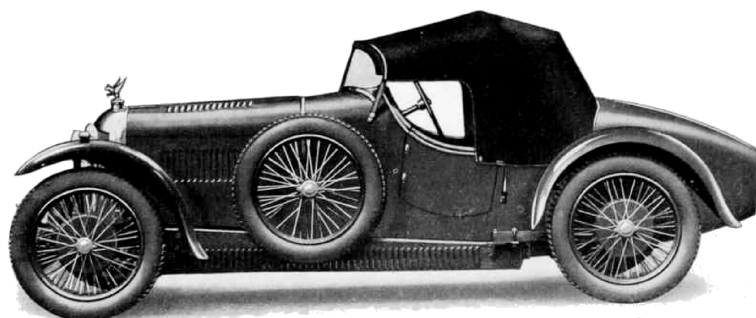
PRICE £345

VERNON BALLS (Sole Concessionaire), 95, High Holborn, W.C.1.

TEL.: CHANCERY 8623-4.

AMILCAR

GRAND SPORT 2-SEATER WITH HOOD ERECTED.



GRAND SPORTS & TOURING SPORTS CHASSIS SPECIFICATION.

FRAME.—Of pressed steel, deep channel section.

ENGINE.—Four cylinder monobloc, Cylinders cast integral with crankcase. Detachable head of Ricardo pattern with domed and polished cylinder heads. Aluminium pistons with three rings. Pressed steel connecting rods. Side by side valves, easily adjustable and fitted with double springs. Rockers interposed between valve stems and camshaft. Camshaft of drop forged steel carried in two long white-metal bearings and driven by spiral gearing. Cams of special contour for high efficiency. Crankshaft very short, 37 m m dia., perfectly balanced, carried in two long white-metal bearings. Cooling on the thermo syphon principle. No fan is required.

GRAND SPORT.—Bore 60 m m, stroke 95 m m, capacity 1,078 c.c. developing 48 B.H.P. at 3,800 r.p.m.

TOURING SPORTS.—Bore 60 m m, stroke 105 m m, capacity 1,155 c.c. R.A.C. Rating 8.9 H.P. Tax £9.

ENGINE LUBRICATION.—Pressure feed by special submerged pump through hollow crankshaft to main, camshaft and big end bearings. All valve gear totally enclosed and automatically lubricated.

CARBURETTOR.—Solex, gravity feed from 5-gallon tank.

IGNITION.—High tension magneto, with advance and retard control on dashboard.

STEERING.—Worm and sector type. Easily adjustable for rake and for taking up any play that may develop.

CLUTCH.—Multi-plate, running in oil—very light and sweet in action.

GEAR BOX.—Bolted direct to crankcase. Provides three forward speeds and reverse. Ratios: 1st, 12.8:1; 2nd, 7.25:1; top, 4.5:1. Designed so that rapid changes can be made either up or down. Change speed lever of the ball joint type, centrally disposed.

FRONT AXLE.—Of H section centre with elliptical extensions for spring pads and special provision for braking torsion.

REAR AXLE.—Semi-floating type. Gleason spiral bevel. Gears adjustable for mesh. No differential. Road wheels driven by independent shafts.

TRANSMISSION.—Through one universal joint of the Hardy type at rear of gear box and an enclosed propeller shaft, supported by four ball bearings. Absolutely vibrationless at all speeds.

SPRINGS.—GRAND SPORT CHASSIS.—Long semi-elliptic in front and quarter-elliptic at rear. Of highest quality Silico-Manganese steel. Damping effected by means of four Hartford shock absorbers.

TOURING SPORTS CHASSIS.—As GRAND SPORTS, but with Cantilever rear springs.

BRAKES.—Very powerful four-wheel brakes of special Amilcar design. Internal expanding. Adjustable by means of four easily accessible butterfly nuts. Air cooling fins on all brake drums. Both hand and foot brakes operating on all four wheels. Hand brake centrally disposed.

WHEELS.—Rudge Whitworth wire wheels, fitted with 27 x 4 Dunlop Well Base tyres.

CHASSIS LUBRICATION.—By grease gun throughout.

EQUIPMENT.—Twelve volt Starter and Lighting set with five lamps and special dimming device. Gear driven dynamo. Clock, speedometer. Revolution counter. Oil pressure gauge. Full kit of tools. Specially designed aluminium dash and facia board to carry all instruments and wiring, so that body can be removed without interfering with the chassis or equipment.

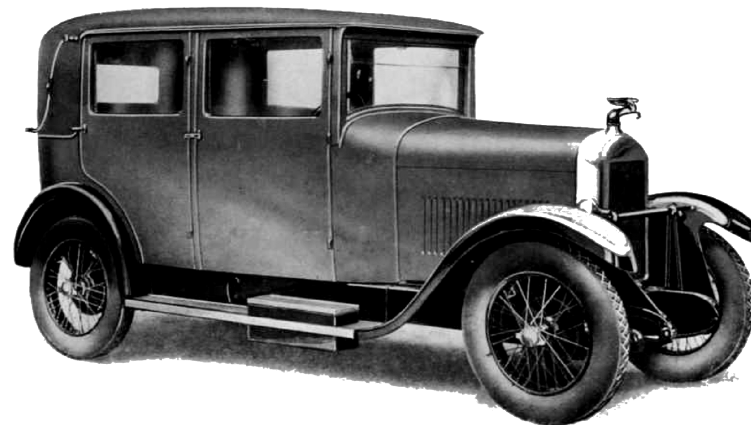
CHASSIS PRICE £240

VERNON BALLS (Sole Concessionaire), 95, High Holborn, W.C.1.

TEL.: CHANCERY 8623-4.

AMILCAR

THE 9-H.P. SPORTS SALOON



ALTHOUGH making a delightful Town Carriage of very attractive appearance, this Car has a really surprising turn of speed, the Chassis being identical with that of the Sports Four-seater.

The Body is constructed under Weymann Licence and provides ample accommodation for four people, whilst four large doors give easy access to both front and rear seats.

As the front seat is adjustable for both position and rake, the ideal driving position is easily attainable.

The drumming noise so often experienced in small Saloons is entirely avoided by the use of fabric instead of metal panels, whilst the interior trimming is carried out in Bedford Cloth to match.

Handsome Luggage Case fitted at the rear with spare wheel shielding same.

EQUIPMENT INCLUDES:—

Dynamo Lighting, Starter, 5 Lamps, 5 R.W. Wire Wheels, 5 Dunlop Tyres, 27.475 or 715 x 115, 4 Hartford Shock Absorbers, Clock, Speedometer, Oil Gauge, Electric Horn. Full Kit of Tools.

STANDARD COLOURS:—Red, Grey, Brown, Light Blue and Dark Blue.

DIMENSIONS:—

Overall Length .. 12 ft. 1 in.
Overall Width .. 4 ft. 10 in.
Track .. 3 ft. 10 1/2 in.
Wheel Base .. 8 ft. 6 in.
Weight .. 1,950 lbs.

PERFORMANCE:—

Petrol Consumption .. 35 m.p.g.
Oil Consumption .. 1.200 m.p.g.
Speed—1st Gear .. 26 m.p.h.
2nd Gear .. 44 m.p.h.
Top Gear .. 60 m.p.h.

PRICE £345

VERNON BALLS (Sole Concessionaire), 95, High Holborn, W.C.1.

TEL.: CHANCERY 8623-4.

AMILCAR SUCCESSES

In 1922 Amilcar secured :—

22 firsts,
3 records,
2 world's records.

In 1923 Amilcar secured :—

47 firsts,
6 records.

In 1924 Amilcar secured :—

122 firsts,
5 records,
1 world's record.

In 1926 Amilcar won the 200 Mile Race.

First, Second and Third.
And many others.

This year, 1927, Amilcars have still further continued their successes with the following :—

JANUARY.

Le Kilometre Lance de Tunis, 1st, Fitoussi.
Le Rallye Internationale De Monte Carlo, 1st, Lefebvre-Despeaux.
Course de Cote De Marseille, Courses 1,100 Cm3, 1st, Morel.

FEBRUARY.

Course de Cote des Perdrix, 1st, Jose Costa.

MARCH.

Le Kilometre Lance de Geneve (le 6 March), 1st, Martin.
Autodrome de Sitges (3 March), 1st, Soiler.
Course de Cote d'Argenteuil (21 March), 1st, Martin.

APRIL.

Autodrome de Monthlery, 1, Course de Vitesse, 1st, Morel ; 2, Course Sur Fiste Routiere, 1st, Morel.
Tourist Trophy Francais, 8 days' endurance test, 1st, Duvant, covering the greatest distance of all the cars.
Autodrome de Monthlery, 1st, Morel et Martin.
Grand Prix des 1,100 Cm3, 1st, Duray.
Circuit de Provence 1,100 Cm3, 1st, Guiraud ; 2nd, Lacroix, 3rd, Massias and team prize.
Autodrome de Brooklands (Angleterre), Lightning Long Handicap, 1st, Vernon Balls.
Circuit du Maroc, 1st, Fraisse.
Course des Trois Villes a Angers, 1st, Leveille.

MAY.

Course de Cote des Platrieres (1 May), Categorie 1,100 Cm3, 1st, Morel.
Course de Cote du Camp (8 May), 1st, Morel.
Kilometre Lance de "Gemenos," 1st, Morel.

Course Internationale de Zbraslas-Jiloviste, 1st, Hovarick.
Course de Cote de Hartfleur, (15 May), 1st, Martin.
Categorie 1,100 Cm3 Sport, 1st, Scaron.
Course de Cote de Rabassada, 1st, Ballestro.
Course de Cote de Montrepos, Bordeaux (22 May), 1st, Morel.
(2) Kilometre Lance, 1st, Morel.

JUNE.

Course de Cote du Limonest (12 June), 1st, Champagnat.
Course de Bone, Cirillo.
Course de Cote de Laffrey, 1st, Dumond.
Grand Prix de Monza, Italie (26 June), 1st, Zampieri.

JULY.

Grand Prix de Saint-Sebastien, 1st, Martin.

AUGUST.

Grande Semaine du Comminges (31 July au 7 August), Circuit des Stations Thermales, 1st Destandeau ; 1st, Louet ; 2nd, Rey.
Kilometre Lance 1,100 Cm3 Sport. 1st Jean Soulet.
(2) Course de Cote de Montrejean, 1st, Jean Soulet ; 2nd, Rey.
(3) Course de Cote du Col de Peyresourde, 1st, Jean Soulet ; 2nd, Rey.
Meeting de Monthlery, 1st, Martin.
Course De Serajevo (21 August), Belgrade 362 Kilometres, 1st, Pavlovitch.
Meeting International de la Baule (26 August), 1st, Scaron.

SEPTEMBER.

Coupe des Voiturettes A Boulogne S/Mer, 1st, Duray.
Grand Prix de L'Umm. F. 1st, Martin.
Championnat de Normandie, 1st, Scaron.

VERNON BALLS (Sole Concessionaire), 95, High Holborn, W.C.1.

TEL.: CHANCERY 8623-4.